

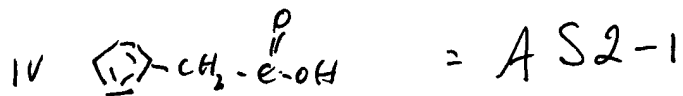
(FILE 'HOME' ENTERED AT 15:19:48 ON 14 DEC 2003)

FILE 'REGISTRY' ENTERED AT 15:19:59 ON 14 DEC 2003

L1 0 S ANTINEOPLASTON AS2-1/CN
E ANTINEOPLASTON AS2-1
L2 7 S E2
L3 1 S E6
L4 7 S ANTINEOPLASTON
L5 1632 S PHENYLACETIC ACID
L6 0 S SODIUM PHENYLACETIC ACID
L7 0 S SODIUM SALT OF PHENYLACETIC ACID
L8 11793 S PHENYL ACETATE
L9 2 S SODIUM PHENYL ACETATE - *Compound IV*
L10 0 S ANTINEOPLASTON 10
L11 1 S 128932-52-5/RN *Compound I*
L12 1 S 147228-69-1/RN
L13 1 S 104771-87-1/RN *Compound II*

FILE 'MEDLINE, CAPLUS, EMBASE, CANCERLIT, BIOSIS' ENTERED AT 15:35:03 ON 14 DEC 2003

L14 0 S L11 AND L9 *1 x 1 ✓*
L15 2 S L9 AND L13 *11 x 1 ✓* - *false hits, bad date*
=>



FILE 'REGISTRY' ENTERED AT 15:41:32 ON 14 DEC 2003

L1 2 S SODIUM PHENYL ACETATE
L2 1632 S PHENYLACETIC ACID
L3 1634 S L1 OR L2

FILE 'MEDLINE, CAPLUS, EMBASE, CANCERLIT, BIOSIS' ENTERED AT 15:42:24 ON 14 DEC 2003

L4 3394252 S L3 AND CANCER OR NEOPLASM OR CARCINOMA
L5 2709047 S L3 (S) CANCER OR NEOPLASM
L6 2708999 S L1 (S) CANCER OR NEOPLASM
L7 834734 S INTRAVENOUS
L8 1016 S L6 (S) L7

FILE 'REGISTRY' ENTERED AT 15:45:46 ON 14 DEC 2003

L9 1 S 128932-52-5/RN
L10 1 S 104771-87-1/RN

FILE 'CAPLUS, EMBASE, CANCERLIT, BIOSIS, MEDLINE' ENTERED AT 15:46:50 ON 14 DEC 2003

L11 1016 S L8
L12 0 S L8 AND L9
L13 0 S L8 AND L10
L14 2709039 S L9 AND CANCER OR NEOPLASM
L15 2708999 S L9 (S) CANCER OR NEOPLASM
L16 2708998 S L10 (S) CANCER OR NEOPLASM
L17 1016 S L7 (S) L15
L18 1016 S L7 (S) L16
L19 1016 S L18 AND L17
L20 14 S L7 AND L9
L21 0 S L7 AND L10
L22 0 S L7 (S) L3

Na phenylacetate/phenylacetic acid and intravenous

2

CI MAN
SR CA
LC STN Files: ADISINSIGHT, CA, CAPLUS, PHAR, RTECS*, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 7 REGISTRY COPYRIGHT 2003 ACS on STN

RN 128932-52-5 REGISTRY

CN L-Glutamine, N2-(phenylacetyl)-, monosodium salt, mixt. with monosodium
(4S)-5-amino-5-oxo-4-[(phenylacetyl)amino]pentanoate (9CI) (CA INDEX
NAME)

OTHER CA INDEX NAMES:

CN L-Glutamine, N2-(phenylacetyl)-, monosodium salt, mixt. with monosodium
(S)-5-amino-5-oxo-4-[(phenylacetyl)amino]pentanoate

CN Pentanoic acid, 5-amino-5-oxo-4-[(phenylacetyl)amino]-, monosodium salt,
(4S)-, mixt. contg. (9CI)

CN Pentanoic acid, 5-amino-5-oxo-4-[(phenylacetyl)amino]-, monosodium salt,
mixt. contg.

OTHER NAMES:

CN Antineoplaston A 10 Injection

FS STEREOSEARCH

MF C13 H16 N2 O4 . C13 H16 N2 O4 . 2 Na

CI MXS

SR CA

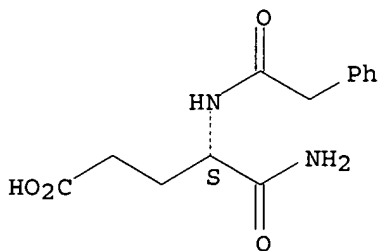
LC STN Files: BIOTECHNO, CA, CAPLUS, EMBASE, TOXCENTER

CM 1

l.1 CRN 128932-51-4 (104771-88-2)

CMF C13 H16 N2 O4 . Na

Absolute stereochemistry.



● Na

CM 2

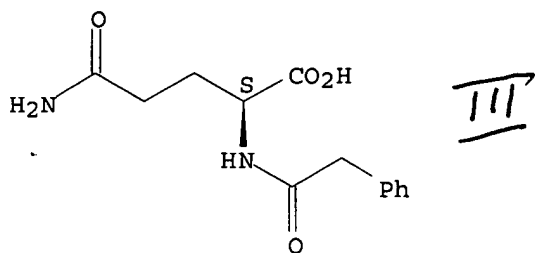
l.13 CRN 104771-87-1 (28047-15-6) = A10

CMF C13 H16 N2 O4 . Na

III Absolute stereochemistry.

l.9 IV Na phenylacetate 110

91734-91-7

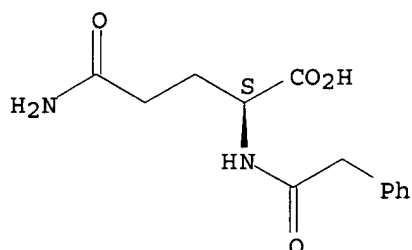


● Na

11 REFERENCES IN FILE CA (1907 TO DATE)
11 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 4 OF 7 REGISTRY COPYRIGHT 2003 ACS on STN
RN 104771-87-1 REGISTRY
CN L-Glutamine, N2-(phenylacetyl)-, monosodium salt (9CI) (CA INDEX NAME)
OTHER NAMES:
CN **Antineoplaston AS 2-5**
FS STEREOSEARCH
MF C13 H16 N2 O4 . Na
CI COM
SR CA
LC STN Files: BIOSIS, CA, CAPLUS, DDFU, DRUGU, PHAR, RTECS*, SYNTHLINE, TOXCENTER
(*File contains numerically searchable property data)
CRN (28047-15-6)

Absolute stereochemistry.



● Na

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 5 OF 7 REGISTRY COPYRIGHT 2003 ACS on STN
RN 104624-98-8 REGISTRY
CN L-Glutamine, N2-(phenylacetyl)-, monosodium salt, mixt. with sodium benzeneacetate (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Benzeneacetic acid, sodium salt, mixt. contg. (9CI)
OTHER NAMES:
CN **Antineoplaston AS 2-1**
FS STEREOSEARCH
DR 153042-92-3
MF C13 H16 N2 O4 . C8 H8 O2 . 2 Na
CI MXS